



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kurt RYF et al.

Serial No. 09/879,187

Filed: June 13, 2001

For: FUNCTIONAL HIGH-ENERGETIC
MATERIAL

Art Unit: 3641

Examiner: E. Miller

Atty. Docket No. 39021-172671

Customer No.



26694

PATENT TRADEMARK OFFICE

3641
#8 / Andt
B. Miller
6/18/03

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

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This paper is presented in response to the Office Action of April 10, 2003. Please
amend the application as follows:

IN THE CLAIMS

Claims 1-13 (cancelled hereby)

14. (Original claim) A functional highly energetic material with layered grain
structure, formed with a high-energy plasticizer introduced into a green powder and a
polymeric deterrent, characterized in that the high-energy plasticizer has the structure I or
II, with $R_1 = C_1-C_{10}$ -alkyl, C_1-C_{10} -alkoxy or aryl, R_2 and R_3 independent of each other
have C_1-C_5 -alkyl or C_1-C_5 alkoxy and is used in amounts of 5-20% relative to the green
powder.

07/10/2003 HAL111 00000074 09879187

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